564, DIL 101

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OM protein - protein search, using sw model

April 26, 2006, 13:12:17; Search time 0.001 Seconds (without alignments) 288.576 Million cell updates/sec

Run on:

US-10-718-495-24 1151 1 MGKGDPKKPTGKMSSYAFFV......EEEEEDEEDEEDEEDDDDE Title: Perfect score:

216

Sequence:

Scoring table:

BLOSUM62 Gapop 10.0 , Gapext 0.5 12 segs, 1336 residues Searched:

12 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 12 summaries

US10718495.pep:* Database :

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

		Appl	Appl	Appl	Appl	Appl	Appl						
	g	24,	25,	27,	26,	28,	30,	29,	43,	45,	44,	47,	46,
	Description	Sequence		Sequence	Seguence	Sequence	Sequence					Seguence	Sequence
		5-24	5-25	5-27	5-26	5-28	5-30	5-29	5-43	5-45	5-44	5-47	5-46
		-10-718-49	-10-718-49	-10-718-49	-10-718-49	-10-718-49	-10-718-49	US-10-718-495-29	-10-718-49	-10-718-49	-10-718-49	US-10-718-495-47	JS-10-718-495-46
	ID	Sn	S	SD	Sn	ns	Sn	ns	Sn	S	S	SD	us
	DB	н	Н	Н	Н	٦	П	Ч	٦	-	Н	7	7
	Query Match Length DB	216	211	205	188	80	98	80	54	54	54	54	54
ф	Query	100.0	8.06	78.4	76.0	31.4	30.4	29.8	24.9	23.3	22.8	22.1	21.6
	Score	1151	1045	902	875	361	350	343	287	268	263	254	249
	Result No.	1	7	m	4	Ŋ	9	7	ω	σ	10	11	12

ALIGNMENTS

Homo sapiens -24 100.0%; Score 1151; DB 1; Length 216; Similarity 100.0%; Pred. No. 3.6e-17; 6; Conservative 0; Mismatches 0; Indels 0; Gaps MCKGDPKKPTGKMSSYAPFVQTCREEHKKHPDASVNFSEFSKKCSERWKTMSAKEKGKF 60	ORGANISM: Homo sapiens -10-718-495-24 Duery Match Duery Match Duery Match 100.0%; Score 1151; DB 1; Length 216; Best Local Similarity 100.0%; Pred. No. 3.6e-17; Best Local Similarity 0.0%; Pred. No. 3.6e-17; Aatches 216; Conservative 0; Mismatches 0; Indels 0; Gaps 1 MGKGDPKKPTGKMSSYAFFVQTCREEHKKKHPDASVNFSEPSKKCSERWKTMSAKEKGKF 60	ORGANISM: Homo sapiens -10-718-495-24 Duery Match Duery Match Duery Match Seet Local Similarity 100.0%; Score 1151; DB 1; Length 216; Best Local Similarity 100.0%; Pred. No. 3.6e-17; Matches 216; Conservative 0; Mismatches 0; Indels 0; Gaps I MGKGDPKKPTGKMSSYAFFVQTCREEHKKKHPDASVNFSEPSKKCSERWKTMSAKEKGKF 60	ORGANISM: Homo sapiens -10-718-495-24 20ery Match	ORGANISM: Homo sapiens -10-718-495-24 20ery Match	ORGANISM: Homo sapiens -10-718-495-24 Duery Match Bost Local Similarity 100.0%; Score 1151; DB 1; Length 216; Best Local Similarity 100.0%; Pred. No. 3.6-17; Best Conservative 0; Mismatches 0; Indels 0; Gaps	TYP	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Duery Match 100.0%; Score 1151; DB 1; Length 216; Best Local Similarity 100.0%; Pred. No. 3.6e-17; Matches 216; Conservative 0; Mismatches 0; Indels 0; Gaps 1 MGKGDPKKPTGKMSSYAFFVQTCREEHKKKHPDASVNFSEFSKKCSERWFTMSAKEKGKF 60 61 EDMAKADKARYEREMKTYIPPKGETKKKKHPDASVNFSEFSKKCSERWFTMSAKEKGKF 60 61 EDMAKADKARYEREMKTYIPPKGETKKKFKDPNAPKRLPSAFFLFCSEYRPKIKGEHPGL 12	Duery Match 100.0%; Score 1151; DB 1; Length 216; Bast Local Similarity 100.0%; Pred. No. 3.6e-17; 4atches 216; Conservative 0; Mismatches 0; Indels 0; Gaps 1 MGKGDPKKPTGKMSSYAFFVQTCREEHKKKHPDASVNFSEFSKKCSERWFTMSAKEKGKF 60 61 EDMAKADKAPTEREMKTYIPPKGETKKKKPDNAPKRLPSAFFLFCSEYRPKIKGEHPGL 12	Duery Match Duery Match Bast Local Similarity 100.0%; Pred. No. 3.6e-17; Matches 216; Conservative 0; Mismatches 0; Indels 0; Gaps Matches 216; Conservative 0; Mismatches 0; Indels 0; Gaps I MGKGDPKKPTGKMSSYAFFVQTCREEHKKKHPDASVNFSEFSKKCSERWFTMSAKEKGKF 60	Duery Match 100.0%; Score 1151; DB 1; Length 216; Bast Local Similarity 100.0%; Pred. No. 3.6e-17; Matches 216; Conservative 0; Mismatches 0; Indels 0; Gaps 1 MGKGDPKKPTGKMSSYAFFVQTCREEHKKKHPDASVNFSFFSKKCSERWKTMSAKEKGKF 60	Duery Match Bast Local Similarity 100.0%; Pred. No. 3.6e-17; Matches 216; Conservative 0; Mismatches 0; Indels 0; Gaps Matches 216; Conservative 0; Mismatches 0; Indels 0; Gaps I MGKGDPKKPTGKMSSYAFFVQTCREEHKKKHPDASVNFSEFSKKCSERWKTMSAKEKGKF 60	Duery Match Best Local Similarity 100.0%; Pred. No. 3.6e-17; Matches 216; Conservative 0; Mismatches 0; Indels 0; Gaps I mGKGDPKKPTGKMSSYAFVQTGREHKKKHPDASVNFSEFSKKCSERWKTMSAKEKGKF 60	ORG -10-7	잍
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L	TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS FILE REFERENCE: 3288.1009-001 CURRENT APPLICATION NUMBER: US/10/718,495 CURRENT FILING DATE: 2003-11-12 PRIOR FILING DATE: 2002-11-20	CURRENT APPLICATION NUMBER: US/10/718,495 CURRENT FILING DATE: 2003-11-12 PRIOR APPLICATION NUMBER: 60/427,841 PRIOR FILING DATE: 2002-11-20	2003-11 ER: 60/ 2-11-20 58	PRIOR FILING DATE: 2002-11-20 NTMBED OF GEO TO MOS: 58		SOFT	FastSEQ for Windows Version 4

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                                                                       Query Match 90.8%; Score 1045; DB 1;
Best Local Similarity 92.1%; Pred. No. 4.8e-15;
Matches 198; Conservative 5; Mismatches 8;
; LENGTH: 211
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; ORGANISM: Homo sapiens
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RESULT 3
US-10-718-495-27
Sequence 27, Application US/10718495
GENERAL INFORMATION:
ADPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
ITILE OF INVENTION: ANTI-INFLAMMATORY AGENTS

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SEQ ID NO 30
LENGTH: 86
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GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTT-INFLAMMATORY AGENTS
FILE REFERENCE: 3258-1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTESEQ for Windows Version 4.0
LENGTH: 188
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FeatSEQ for Windows Version 4.0
SEQ ID NO 27
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ORGANISM: Homo sapiens
US-10-718-495-27
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CORGANISM: Homo sapiens
US-10-718-495-26
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                                                                                                                                                               LENGTH: 205
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR FILING DATE: 2003-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTSEQ for Windows Version 4.0
Sequence 28, Application US/10718495;
GENERAL INFORMATION:
TITLE OF INVENTION:
TITLE OF INVENTION: USE OF HMGB FRACMENTS AS;
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REPERENCE: 3258.1009-001.
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60427,841
PRIOR APPLICATION NUMBER: 60427,841
                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
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US-10-718-495-29
; Sequence 29, Application US/10718495
; GENERAL INFORMATION:
; APPLICANT: O'Keefe, Theresa L.
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ORGANISM: Homo sapiens
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US-10-718-495-28
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                                                                                                                 Query Match 23.3%; Score 268; DB 1; Length 54; Best Local Similarity 92.6%; Pred. No. 7.2; Matches 50; Conservative 1; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match .22.8%; Score 263; DB 1; Length 54; Best Local Similarity 92.5%; Pred. No. 7.6; Matches 49; Conservative 1; Mismatches 3: Indele
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GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR FILING DATE: 2003-11-12
PRIOR FILING DATE: 2002-11-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: O'Keefe, Theresa L.

TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS

TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001

CURRENT APPLICATION NUMBER: US/10/718,495

CURRENT FILING DATE: 2003-11-12

PRIOR PILING DATE: 2002-11-20

NUMBER OF SEQ ID NOS: 58

SOFTWARE: FastSEQ for Windows Version 4.0
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 47
LENGTH: 54
                                                                                                                                                                                                                                                                                                                                                                                                        ; Sequence 44, Application US/10718495; GENERAL INFORMATION:
             ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-718-495-45
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ORGANISM: Homo sapiens
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US-10-718-495-44
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US-10-718-495-47
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US-10-718-495-46
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LENGTH: 54
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                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 29.8%; Score 343; DB 1; Length 80; Best Local Similarity 83.8%; Pred. No. 0.57; Matches 67; Conservative 2; Mismatches 11; Indels
; TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
; TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
; FILE REFERENCE: 3288.1009-001
; CURRENT APPLICATION NUMBER: US/10/718,495
; PRIOR APPLICATION NUMBER: 60/427,841
; PRIOR FILING DATE: 2003-11-20
; NUMBER OF SEQ ID NOS: 58
; SECTION NO 29
; SEQ ID NO 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE 43, Application US/10718495
SEGRERAL INFORMATION:
APPLICANT: O'Reefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3268.1009.001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 43
LENGTH: 54
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GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa APPLICANT: O'Keefe, Theresa TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS; FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTSEQ FOR WINDOWS VERSION 4.0
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US-10-718-495-29
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ORGANISM: Homo sapiens
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LENGTH: 54
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61 BDMAKADKTHYBRQMKTYIPPKGETKKKFKDPNAPKRPPSAFFLFCSEYHPKIKGEHPGL 120
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                        Sequence Sequence Sequence 6 Sequence 7
         Sequence
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100.0%; Pred. No. 1e-13;
ative 0; Mismatches 0;
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; Sequence 24, Application US/10718495
; GENERAL INFORMATION:
; APPLICANT O'Keefe, Therea L.
; TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
; TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
; TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
; TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
; CURRENT APPLICATION NUMBER: US/10/718,495
; CURRENT FILING DATE: 2003-11-12
; PRIOR APPLICATION NUMBER: 60/427,841
; PRIOR PILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 216
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-718-495-24
                                                                                                                                                                                                                                                                               Sequence 25, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENT APPLICATION INVERS. US/10/718,495
CURRENT FILING DATE: 2003.11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002.11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FactSEQ for Windows Version 4.0
SEQ ID NO 25
LENGTH: 211
   US-10-718-495-28
US-10-718-495-30
US-10-718-495-29
US-10-718-495-44
US-10-718-495-43
US-10-718-495-45
US-10-718-495-45
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                                                                                                                                                                                           ALIGNMENTS
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US-10-718-495-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
       31.7
30.5
30.5
228.6
225.6
222.1
222.1
21.8
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US-10-718-495-24
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Sequence 24, P
Sequence 27, P
Sequence 26, P
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1131
1 MGKGDPKKPRGKMSSYAFFV......BDEEDEEBEBEBEBDDDB 211
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GenCore version 5.1.7
Copyright (c) 1993 - 2006 Biocceleration Ltd.
                                                                                                                                                                                                                                                                                                                                      Query Match 21.6%; Score 249; DB 1; Length 54; Best Local Similarity 88.7%; Pred. No. 8; Matches 47; Conservative 1; Mismatches 5; Indels
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Sequence 46, Application US/10718495
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009.001
CURRENT APPLICATION NUMBER: US/10/718,495
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION SEGONS: 58
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 46
LENGTH: 54
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US-10-718-495-24
US-10-718-495-27
US-10-718-495-26
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Maximum Match 100%
Listing first 12 summaries
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Job time : 0.0833333 secs
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Gapop 10.0 , Gapext 0.5
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Match Length DB
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Perfect score:
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1045
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                                                                                                                                                                                                                                                                       18; Indels
                                                                                                                                                                                                                          Query Match

76.2%; Score 862; DB 1;
Best Local Similarity 87.2%; Pred. No. 2.6e-09;
Matches 164; Conservative 6; Mismatches 18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 28, Application US/10718495
SEQUENCE 28, Application US/10718495
SERVEAL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258-1009-001;
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2003-11-20
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GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS TITLE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
                                          NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 28
LENGTH: 80
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
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US-10-718-495-28
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Matches 66; Conserv
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US-10-718-495-28
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                                                                                                                                   TYPE: PRT
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                                                                                                         1 MGKGDPKKPRGKMSSYAFFVQTCREEHKKKHSDASVNFSEFSNKCSERWKTMSAKEKGKF
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0
                       Length 216;
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                  ttch 92.4%; Score 1045; DB 1; sal Similarity 92.1%; Pred. No. 2.6e-12; 198; Conservative 5; Mismatches 8;
                                                                                                                                                                                                                                                                                                                                                                                                        181 SKKKKEEEEDEEDEEDEEDEEDEEDEEDEEDDD 215
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GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGE FRACHENTS AS
TITLE OF INVENTION: USE OF HMGE FRACHENTS AS
TITLE OF INVENTION: USE OF HMGE CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR FILING DATE: 2003-11-22
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASELSEQ for Windows Version 4.0
SEQ ID NO 27
LENGTH: 205
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GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/118,495
CURRENT FILING DATE: 2003-11-12
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Matches 167; Conservative
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                  Query Match
Best Local S:
Matches 198
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                                                                                                                                                                                                                                                                                                                                                                                            8 KPRGKMSSYAFFVQTCREEHKKKHSDASVNFSEFSNKCSERWKTMSAKEKGKFEDMAKAD 67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 KQRGKMPSYVFCVQTCPEERKKKHPDASVNFSEFSKKCLVRGKTMSAKEKGQFEAMARAD 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Gaps
                                                                                                                                                                                                                                                                      Query Match 30.5%; Score 345; DB 1; Length 86; Best Local Similarity 77.9%; Pred. No. 0.76; Matches 67; Conservative 4; Mismatches 15; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        28.6%; Score 324; DB 1; Length 80; 78.8%; Pred. No. 1.6; ive 3; Mismatches 14; Indels
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US-10-718-495-44

Sequence 44, Application US/10718495

GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HWGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HWGB FRAGMENTS AS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495

CURRENT APPLICATION NUMBER: 60/427,841

PRIOR APPLICATION NUMBER: 60/427,841

PRIOR PILING DATE: 2003-11-20

NUMBER OF SEQ ID NOS: 58

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 29, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REPREBRENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT PILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR PAPPLICATION NUMBER: 60/427,841
PRIOR PELICATION NUMBER: 60/427,841
PRIOR PELICATION NUMBER: 60/427,841
SAOFWARE FEATER: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFFWARE FEATERQ FOR Windows Version 4.0
LENGTH: 80
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 30
LENGTH: 86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   61 EDMAKADKTHYERQMKTYIPPKGETK
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Best Local Similarity 78.8°
Matches 63, Conservative
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US-10-718-495-29
                                                                                                                                                                      TYPE: PRT ORGANISM: Homo sapiens
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                                                                                             Query Match
25.6%; Score 289; DB 1; Length 54;
Best Local Similarity 100.0%; Pred. No. 4.5;
Matches 54; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      23.3%; Score 263; DB 1; Length 54; ilarity 92.5%; Pred. No. 7.1; Conservative 1; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                                                                                                                         US-10-178-495-43

Sequence 43, Application US/10718495

Sequence 43, Application US/10718495

GENERAL INFORMATION:

APPLICANT: O'Keefe, Theresa L.

TITLE OF INVENTION: BYTI-INFLAMMATORY AGENTS

TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS

FILE REFERENCE: 3258-1009-001

CURRENT APPLICATION NUMBER: US/10/718,495

CURRENT FILING DATE: 2003-11-12

PRIOR APPLICATION NUMBER: 60/427,841

PRIOR FILING DATE: 2002-11-20

NUMBER OF SEQ ID NOS: 58

SOFTWARE: FSSEQ for Windows Version 4.0

SEQ ID NO 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-10-718-495-45
) Sequence 45. Application US/10718495
) GENERAL INFORMATION:
) APPLICANT: O'Keefe, Theresa L.
) TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
) TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
) FILE OF INVENTION: ANTI-INFLAMMATORY AGENTS
) FILE OF INVENTION: 2268.1009-001
) CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
) PRIOR FILING DATE: 2003-11-20
) NUMBER OF SEQ ID NOS: 58
) SOFTWARE: FastSEQ for Windows Version 4.0
) SEQ ID NO 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Homo sapiens
US-10-718-495-43
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-718-495-44
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Best Local Similarity
Matches 49; Conserv
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US-10-718-495-47
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TYPE: PRT
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61 EDMAKVDKDRYEREMKTYIPPKGETKKKFEDSNAPKRPPSAFLLFCSEYCPKIKGEHPGL 120
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                                                                                                                                                                                                                                                                                                        Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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100.0%; Pred. No. 1.3e-10;
ive 0; Mismatches 0;
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Sequence 26, Application US/10718495

GENERAL INFORMATION:
APPLICANT: O'Keefe I.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258-1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR FILING DATE: 2003-11-20
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-718-495-26
US-10-718-495-24
US-10-718-495-25
US-10-718-495-29
US-10-718-495-29
US-10-718-495-30
US-10-718-495-45
US-10-718-495-45
US-10-718-495-45
US-10-718-495-44
US-10-718-495-44
US-10-718-495-44
                                                                                                  Total number of hits satisfying chosen parameters:
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Maximum Match 100%
Listing first 12 summaries
           BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                 12 segs, 1336 residues
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Maximum DB seq length: 200000000
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Match Length DB
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Best Local Similarity 100.
Matches 188; Conservative
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US-10-718-495-26
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LENGTH: 188
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1 MGKGDPKKPRGKMSSYAFFV......DAAKKGVVKAEKSKKKKEEE 188
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GenCore version 5.1.7
Copyright (c) 1993 - 2006 Biocceleration Ltd
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Pred. No. 8;
2; Mismatches 6; Indels
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FEASTESQ for Windows Version 4.0
SEQ ID NO 47
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GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
FILE REFERENCE: 3258.1009.001
CURRENT APPLICATION NUMBER: US/10/718,495
FRIOR APPLICATION NUMBER: 60/427,841
FRIOR APPLICATION NUMBER: 60/427,841
FRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 46
LENGTH: 54
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Job time : 0.0833333 secs
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84.6%;
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Best Local Similarity 84.6'
Matches 44; Conservative
                                                                                                                                                                                                                                                                                   ; ORGANISM: Homo sapiens
US-10-718-495-47
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; ORGANISM: Homo sapiens
US-10-718-495-46
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Sequence 29, Sequence 30, Sequence 45,

Sequence Sequence Sequence Sequence Sequence

Description

Sequence 44, Sequence 43, Sequence 47, Sequence 46, ö

Gaps

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Length 188; Indels 9

Wed Apr 26 13:12:37 2006

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NUMBER OF SEQ ID NOS: 58
                                                                                                                                                                                                                                                                                                    RESULT 4
US-10-718-495-27
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PISDVAKKLVEMWNNTFADDKQLCEKKAAKLKEKYKKDTATYRAKGKPDAAKKGVVKAEK 180
                   EDMAKVDKDRYEREMKTYIPPKGETKKKFEDSNAPKRPPSAFLLFCSEYCPKIKGEHPGL 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       121 PISDVAKKLVEMWNNTFADDKQLCEKKAAKLKEKYKKDTATYRAKGKPDAAKKGVVKAEK 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SIGDVAKKLGEMMINITAADDKQPYEKKAAKLKEKYEKDIAAYRAKGKPDAAKKGVVKAEK 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 MGKGDPKKPTGKMSSYAFFVQTCREEHKKKHPDASVNFSEFSKKCSERWKTMSAKEKGKF 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 MGKGDPKKPRGKMSSYAFFVQTCREECKKKHPDASVNFSEFSKKCSERWKAMSAKDKGKF
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 216;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 875; DB 1; Length 21
Pred. No. 1.2e-08;
3; Mismatches 17; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 25, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: WE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: WIT - INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SEQ ID NO 25
LENGTH: 211
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 862; DB 1;
Pred. No. 1.9e-08;
                                                                                                                                                                        Sequence 24, Application US/10718495
GENERAL INFORMATION:
JAPLICANT O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 216
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87.2%;
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Best Local Similarity 89.4%;
Matches 168; Conservative
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CORGANISM: Homo sapiens
US-10-718-495-25
                                                              SKKKKEEE 188
                                                                                     181 SKKKKEEE 188
                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Homo sapiens
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Best Local Similarity
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                                                                                                                                                RESULT 2
US-10-718-495-24
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US-10-718-495-25
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                                                                                                                                                                                                                               121 PISDVAKKLVEMWNNTFADDKQLCEKKAAKLKEKYKKDTATYRAKGKPDAAKKGVVKAEK 180
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                                                                    EDMAKVDKDRYEREMKTYIPPKGETKKKFEDSNAPKRPPSAFLLFCSEYCPKIKGEHPGL
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  Gaps
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  Indels
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US-10-718-495-28
Sequence 28, Application US/10718495
Sequence 28, Application US/10718495
SEQUENCE 28
TITLE OF INVENTION:
TITLE OF INVENTION: USE OF HAGMENTS AS
TITLE OF INVENTION: ANTI-INLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2003-11-12
PRIOR FILING DATE: 2002-11-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 27, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAWMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR PILING DATE: 2003-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastsEQ for Windows Version 4.0
SEQ ID NO 27
LENGTH: 205
6; Mismatches
  Matches 164; Conservative
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US-10-718-495-27
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Best Local Similarity
Matches 150; Conserv
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61 EDMAKVDKDRYEREMKTYIPPKGETK 86
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US-10-718-495-45
; Sequence 45, Application US/10718495
; GENERAL INFORMATION
       ch 32.4%;
l Similarity 75.6%;
65; Conservative
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Matches 52; Conservative
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ORGANISM: Homo sapiens
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     Query Match
Best Local S
Matches 65
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32.5%; Score 328; DB 1; Length 80;
Best Local Similarity 80.0%; Pred. No. 1.5;
Matches 64; Conservative 3; Mismatches 13; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 29, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'KEGE, THERESA L.
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FREESEQ for Windows Version 4.0
IENGTH: 80
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TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR PELICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 28 LENGTH: 80
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                                                                                                                              Query Match
Best Local Similarity 78.8<sup>†</sup>
Matches 63; Conservative
                                                       ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-718-495-28
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US-10-718-495-29
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, ORGANISM: Homo sapiens
US-10-718-495-30
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LENGTH: 86
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Score 327; DB 1; Length 86;
Pred. No. 1.6;
4; Mismatches 17; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 26.7%; Score 269; DB 1; Length 54; Best Local Similarity 92.6%; Pred. No. 6.4; Matches 50; Conservative 1; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 54;
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96.3%; Pred. No. 5.9;
tive 0; Mismatches 2;
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APPLICANT: O'Keefe, Theresa L.

TITLE OF INVENTION:

FILE REPERENCE: 3258.1009-001

CURRENT APPLICATION NUMBER: US/10/718,495

CURRENT FILING DATE: 2003-11-12

PRIOR PLICATION NUMBER: 60/427,841

PRIOR PLILAGE OF DOS: 58

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 43

LENGTH: 54
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CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR FILING DATE: 2003-11-12
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
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US-10-718-495-44
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Score
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                                                                                                                                                                                                                                                                                                                                                                  24.8%; Score 250; DB 1; Length 54; 86.8%; Pred. No. 7.6; tive 2; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 54;
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Pred. No. 7.9;
3; Mismatches 8
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US-10-718-495-46

Sequence 46. Application US/10718495

GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS CURRENT FILLION UNBER: US/10/718,495

CURRENT APPLICATION NUMBER: 60/427,841

PRIOR APPLICATION NUMBER: 60/427,841

PRIOR PILLING DATE: 2003-11-12

PRIOR PILLING DATE: 2002-11-20

NUMBER: OF SEQ ID NOS: 58

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 46

TYPE: PRT
                                 JAPPLICANT: O'Keefe, Theresa L.

TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REPERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 44
LENGTH: 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 47, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'KEGE, Theresa L.
TITLE OF INVENTION: USE OF HWGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 2258.1009-001
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 05/11/118,495
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 47
LENGTH: 54
Sequence 44, Application US/10718495
GENERAL INFORMATION:
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ORGANISM: Homo sapiens
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Best Local Similarity
Matches 43; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 11
US-10-718-495-47
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US-10-718-495-44
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April 26, 2006, 13:12:17; Search time 0.001 Seconds (without alignments) 273.880 Million cell updates/sec
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1086
1 MDKADPKKLRGEMLSYAFFV......EEBEDBEDBGQEBENBEDDDK 205
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                                                                                                                                                                   32 PDASVNFSEFSKKCSERWKAMSAKDKGKFEDMAKVDKDRYEREMKTYIPPKGE
                                                                                                                                                                                                                                                                                                                                                             GenCore version 5.1.7
Copyright (c) 1993 - 2006 Biocceleration Ltd.
                                                                    Length 54;
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                                                                    DB 1;
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                                                                  Query Match 22.9%; Score 231; DB Best Local Similarity 81.1%; Pred. No. 8; Matches 43; Conservative 2; Mismatches
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Job time : 0.0833333 secs
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Gapop 10.0 , Gapext 0.5
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Maximum Match 100%
Listing first 12 su
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Maximum DB seq length: 200000000
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ORGANISM: Homo sapiens
               US-10-718-495-46
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ALIGNMENTS

Sequence Sequence Sequence

Sequence Seq

US-10-718-495-27 US-10-718-495-25 US-10-718-495-26 US-10-718-495-26 US-10-718-495-20 US-10-718-495-20 US-10-718-495-29 US-10-718-495-47 US-10-718-495-44 US-10-718-495-44 US-10-718-495-44

2216 1211 880 880 544 5544 5544

71.5 30.8 30.8 228.8 27.3 26.7 26.7 22.9 21.9

Description

Query Match Length DB

100.0 83.1 81.4

Sequence

RESULT 1 US-10-718-495-27

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121 SIGDVAKKLGEMWNNTAADDKQPYEKKAAKLKEKYEKDIAAYRAKGKPDAAKKGVVKAEK 180
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            61 EDWAKADKTHYERQMKTYIPPKGETKKKFKDPNAPKRPPSAFFLFCSEYHPKIKGEHPGL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 MGKGDPKKPRGKMSSYAFFVQTCREEHKKKHSDASVNFSEFSNKCSERWKTMSAKEKGKF
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81.5%; Pred. No. 6.6e-09;
iive 14; Mismatches 24; Indels
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Pred. No. 2.7e-07;
8; Mismatches 30;
                                                                                                                                                                                                  Sequence 25, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REPERBNCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
FRIOR RELING DATE: 2003-11-12
PRIOR FILING DATE: 2003-11-12
PRIOR FILING DATE: 2002-11-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICAWT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INVELAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTSEQ for Windows Version 4.0
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SOFTWARE: FastSEQ for Windows Version 4.0
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Best Local Similarity 79.8%;
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Matches 167; Conservative
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; ORGANISM: Homo sapiens
US-10-718-495-26
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LENGTH: 211
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                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 1086; DB 1;
100.0%; Pred. No. 5.9e-12;
vative 0; Mismatches 0;
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           GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
ITILE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT PILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 27
LENGTH: 205
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GENERAL INFORMATION:
FAPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1099.001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11.12
FRIOR APPLICATION NUMBER: 60/427,841
FRIOR APPLICATION SECOND-11.20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTESEQ for Windows Version 4.0
SEQ ID NO 24
LENGTH: 216
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Sequence 27, Application US/10718495
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Best Local Similarity 100.0
Matches 205; Conservative
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CRGANISM: Homo sapiens
US-10-718-495-27
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US-10-718-495-24
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1 MGKRDPKQPRGKMSSYAFFVQTAQEEHKKKQLDASVSFSEFSKNCSERWKTMSVKEKGKF
  1 MDKADPKKLRGEMLSYAFFVQTCQEEHKKKNPDASVKFSEFLKKCSETWKTIFAKEKGKF
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Pred. No. 3.6;
5; Mismatches 16; Indels
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Sequence 46, Application US/10718495

GENERAL INFORMATION:
APPLICANT: O'Keefe 1.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR PILING DATE: 2003-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                            APPLICANT: O'Keefe, Theresa L.

TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR PILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASESEQ FOR WINDOWS VERSION 4.0
LENGTH: 80
                                                                                  86
                                                                                  61 EDMAKADKAHYEREMKTYIPPKGEKK
                                                                                                                       EDMAKADKACYEREMKIYPYLKGROK
                                                                                                                                                                                                                      Sequence 29, Application US/10718495 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       68 KAHYEREMKTYIPPKGEKKK 87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           27.3%;
73.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 73.8<sup>†</sup>
Matches 59; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-718-495-29
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US-10-718-495-46
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Best Local Similarity
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US-10-718-495-47
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LENGTH: 54
                                                                                                                       61
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                                                                                      61 EDMAKVDKDRYEREMKTYIPPRGETKKKFEDSNAPKRPPSAFLLFCSEYCPKIKGEHPGL 120
                                                                                                                                                                      121 PISDVAKKLVEMWINTFADDKOLCEKKAAKLKEKYKKDTATYRAKGKPDAAKKGVVKAEK 180
                                                               EDMAKADKAHYEREMKTYIPPKGEKKKKFKDPNAPKRPPLAFFLFCSEYRPKIKGEHPGL 120
                                                                                                                                            121 SIDDVVKKLAGMWNNTAAADKQFYEKKAAKLKEKYKKDIAAYRAKGKPNSAKKRVVKAEK 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 MDKADPKKLRGEMLSYAFFVQTCQEEHKKKNPDASVKFSEFLKKCSETWKTIFAKEKGKF 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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Pred. No. 1.2;
4; Mismatches 13; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: O'KEGE, Thereal L.

TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS

CURRENT APPLICATION NUMBER: US/10/718,495

CURRENT FILING DATE: 2003-11-12

PRIOR APPLICATION NUMBER: 60/427,841

PRIOR FILING DATE: 2002-11-20

NUMBER OF SEQ ID NOS: 58

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 86
                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: O'Keefe, Theresa L.

TILLE OF INVENTION: USF OF HMGB FRAGMENTS AS

TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS

FILE REFERENCE: 3258.1009-001

CURRENT APPLICATION NUMBER: US/10/718,495

CURRENT FILING DATE: 2003-11-12

PRIOR APPLICATION NUMBER: 60/427,841
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 58
SOFTHARRE: FastSEQ for Windows Version 4.0
SEQ ID NO 28
LENGTH: 80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    80
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 78.8%;
Matches 63; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Homo sapiens
US-10-718-495-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                            181 SKKKKEEE 188
                                                                                                                                                                                                                                                                181 SKKKKEEE 188
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US-10-718-495-28
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Gaps

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Length 54; Indels

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2 DASVNFSEFSNKCSERWKTMSAKEKGKFEDMAKADKTHYERQMKTYIPPKGE 53
                                                                                                                                                                  33 DASVKFSEFLKKCSETWKTIFAKEKGKFEDMAKADKAHYEREMKTYIPPKGE 84
                                                                         Score 238; DB 1;
Pred. No. 7.9;
2; Mismatches 6;
                                                                                                                                                                                                                                                                             RESULT 12
US-10-718-495-45
US-10-718-495-45
Sequence 45, Application US/10718495
GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258-1009-001
CURRENT PAPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR FILING DATE: 2003-11-12
PRIOR FILING DATE: 2003-11-2
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FRASEQ for Windows Version 4.0
                                                                           21.9%;
ilarity 84.6%;
Conservative
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Maximum DB seq length: 200000000
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LENGTH: 54
TYPE: PRT
ORGANISM: Homo sapiens
       ORGANISM: Homo sapiens
                                                                         Query Match
Best Local Similarity
Matches 44; Conserv
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US-10-718-495-44
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     84
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             32 PDASVKFSEFLKKCSETWKTIFAKEKGKFEDMAKADKAHYEREMKTYIPPKGE
                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 23.3%; Score 253; DB 1; Length 54; Best Local Similarity 86.8%; Pred. No. 7.5; Matches 46; Conservative 2; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 22.9%; Score 249; DB 1; Length 54; 88.7%; Pred. No. 7.7; tive 1; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 43, Application US/10718495
GRUERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009.001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 44, Application US/10718495
GENERAL INFORMATION:
APPLICAMTON:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 44
TYPE: PRT
; Sequence 47, Application US/10718495; GENERAL INFORMATION:
; APPLICANT: O'Keefe, Theresa L.
; TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS; TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS; FILE REFERENCE: 3258.1009-001
; CURRENT FILING DATE: 2003-11-12
; PRIOR APPLICATION NUMBER: 05/427,841
; PRIOR FILING DATE: 2002-11-20
                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 88.77
Matches 47; Conservative
                                                                                                                                                                                                                                                                                                                                               ORGANISM: Homo sapiens
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US-10-718-495-43
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LENGTH: 54
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106.880 Million cell updates/sec
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                                                                                                                       1 PDASVNFSEFSKKCSERWKAMSAKDKGKFEDMAKVDKADYEREMKTYIPPKGE
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                                                                                                32 PDASVKFSEFLKKCSETWKTIFAKEKGKFEDMAKADKAHYEREMKTYIPPKGE
                                                                                                                                                                                                                                                                                             GenCore version 5.1.7
Copyright (c) 1993 - 2006 Biocceleration Ltd
Query Match 21.7%; Score 236; DB 1; Length 54; Best Local Similarity 83.0%; Pred. No. 7.9; Matches 44; Conservative 2; Mismatches 7; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 12 summaries
                                                                                                                                                                                                                                                                                                                                                                                                 OM protein - protein search, using sw model
                                                                                                                                                                                                                   Search completed: April 26, 2006, 13:12:18
Job time : 0.0833333 secs
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Gapop 10.0 , Gapext 0.5
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Appl	App1	Appl	App1	App]	Appl	App1	Appl	App1	Appl	App1	4pp1
ជ	28,			26, 1				29,			44,	45,
Description	Sequence	Sequence	Sequence		Sequence	Sequence	Sequence	Sequence			Sequence	Sequence
ΔΙ	US-10-718-495-28	US-10-718-495-24	US-10-718-495-25	US-10-718-495-26	US-10-718-495-27	US-10-718-495-30	US-10-718-495-47	US-10-718-495-29	US-10-718-495-46	US-10-718-495-43	US-10-718-495-44	US-10-718-495-45
DB	н	٦	7	1	П	7	Н	-	Н	Н	Н	Н
Query Match Length DB	80	216	211	188	205	98	54	. 8	54	54	54	54
Query Match	100.0	80.6	80.1	75.4	74.8	67.0	58.0	57.1	50.2	49.3	47.8	46.4
Score	448	361	359	338	335	300	260	256	225	221	214	208
Result No.	н	7	m	4	S	9	7	80	6	10	11	12

ALIGNMENTS

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1 MGKGDPKKPRGKMSSCAFFVQTCWEEHKKQYPDASINFSEFSQKCPETWKTTIAKEKGKF 60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 448; DB 1; Length 80; 100.0%; Pred. No. 0.23; tive 0; Mismatches 0; Indels
                GENERAL INFORMATION:

APPLICANT: O'Keefe, Theresa L.

TITLE OF INVENTION:
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
TITLE OF SERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 60427,841
PRIOR PILING DATE: 2003-11-12
PRIOR PILING DATE: 2003-11-20
                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 28
LENGTH: 80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       EDMPKADKAHYEREMKTYIP 80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              EDMPKADKAHYEREMKTYIP 80
                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 100.
Matches 80; Conservative
                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
CORGANISM: Homo sapiens
US-10-718-495-28
US-10-718-495-28
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GENERAL INFORMATION:
GENERAL INFORMATION:
JAPPLICANT: O'KEGHE, Theresa L.
TITLE OF INVENTION: USE OF HWGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3228.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
FRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58

US-10-718-495-24

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                                                                                                                                   80.6%; Score 361; DB 1; Length 216;
83.8%; Pred. No. 1.5;
tive 4; Mismatches 9; Indels
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Pred. No. 1.6;
4; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: MAIT-INFLAWMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2002-11-20
FRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASESEQ for Windows Version 4.0
SEQ ID NO 25
IRRGHH: 211
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 26, Application US/10718495
; Sequence 26, Application US/10718495
; GENERAL INFORMATION:
; APPLICANT: O'Keefe, Theresa L.
; TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
; TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
; FILE REFERENCE: 3258.1009-001
; CURRENT APPLICATION NUMBER: US/10/718,495
; CURRENT APPLICATION NUMBER: 003-11-12
; PRIOR FILING DATE: 2003-11-20
; NUMBER OF SEQ ID NOS: 58
; SOFTHARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 26
SOFTWARE: FastSEQ for Windows Version 4.0
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Best Local Similarity 82.5%;
Matches 66; Conservative
                                                                                                                           Query Match
Best Local Similarity 83.89
Marches 67; Conservative
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US-10-718-495-25
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CORGANISM: Homo sapiens
US-10-718-495-26
                                                                           ORGANISM: Homo sapiens
US-10-718-495-24
                  SEQ ID NO 24
LENGTH: 216
TYPE: PRT
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TYPE: PRT
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                                                                                           1 MGKGDPKKPRGKMSSCAFFVQTCWEEHKKQYPDASINFSEFSQKCPETWKTTIAKEKGKF 60
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 Score 338; DB 1; Length 188; Pred. No. 2.4;
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                                      12; Indels
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TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR PAPPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTSEQ for Windows Version 4.0
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Pred. No. 5;
5; Mismatches
                                                                                                                                                                                                                                                                                                      APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
TITLE REFERENCE: 3288.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR FILING DATE: 2002-11-20
                                    5; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 27
LENGTH: 205
TYPE: PRT
ORGANISM: Homo sapiens
US-10-718-495-27
                                                                                                                                                                                                                                                                      Sequence 27, Application US/10718495 GENERAL INFORMATION:
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                                                                                                                                                                         61 EDMAKVDKDRYEREMKTYIP 80
                                                                                                                                            61 EDMPKADKAHYEREMKTYIP 80
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78.8%;
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Best Local Similarity 74.4%;
Matches 58; Conservative
                 Best Local Similarity 78.8
Matches 63; Conservative
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Best Local Similarity 78.8
Matches 63; Conservative
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LENGTH: 86
 Query Match
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1 KQRGKMPSYVFCVQTCPEERKKKHPDASVNFSEFSKKCLVRGKTMSAKEKGQFEAMARAD 60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 54;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       58.0%; Score 260; DB 1; 98.0%; Pred. No. 8.8; tive 0; Mismatches 1;
                                                                                                                                                                                               APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HUGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HUGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTSEQ for Windows Version 4.0
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GRNERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258-1009-001;
CURRENT APPLICATION NUMBER: US/10/718,495
FRIOR APPLICATION NUMBER: 60/427,841
PRIOR PILLING DATE: 2003-11-20
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 29
LENGTH: 80
                                                                                                                              US-10-718-495-47; Sequence 47, Application US/10718495; GENERAL INFORMATION:
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                                        61 EDMAKADKACYEREMKIY 78
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l Similarity 69.9%;
51; Conservative 6
61 EDMPKADKAHYEREMKTY
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ORGANISM: Homo sapiens
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US-10-718-495-29
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Best Local Similarity
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Best Local Similarity
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106.880 Million cell updates/sec
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1 KQRGKMPSYVFCVQTCPEER.....KARYEREMKTYIPPKGETKK
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Copyright (c) 1993 - 2006 Biocceleration Ltd.
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Score 214; DB 1; Length 54;
Pred. No. 12;
2; Mismatches 7; Indels
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APPLICAMT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS; TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS; TITLE PRINTION: 3258.1099.001
FILE REFERENCE: 3258.1099.001
CURRENT FILING DATE: 2003-11-12; PRIOR APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
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46.4%; Score 208; DB
Best Local Similarity 77.6%; Pred. No. 12;
Matches 38; Conservative 3; Mismatches
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 2000000000
    Query Match
Best Local Similarity 81.2%;
Matches 39; Conservative
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ORGANISM: Homo sapiens
US-10-718-495-45
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                                                                                                                                                                                                                                                                                                                                                  DB 1;
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GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HAME FRAGMENTS AS
TITLE OF INVENTION: USE OF HAME FRAGMENTS AS
TITLE OF INVENTION: USE 0.01
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 58
; SEQ ID NO 43
; SEQ ID NO 43
; LENGTH: 54
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GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASUSEQ for Windows Version 4.0
SEQ ID NO 44
LENGTH: 54
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS TITLE OF INVENTION: ANTI-INVELAMMATORY AGENTS; FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASESEQ FOR Windows Version 4.0
SEQ ID NO 46
LENGTH: 54
                                                                                                                                                                                                                                                                                                                                             ; Score 225; DB
; Pred. No. 11;
2; Mismatches
                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 83.7%;
Matches 41; Conservative
                                                                                                                                                                                                                                                      TYPE: PRT
CORGANISM: Homo sapiens
US-10-718-495-46
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ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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Best Local Similarity
Matches 41; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-10-718-495-43
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Gaps

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80

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed,

80

and is derived by analysis of the total score distribution.

SUMMARIES

	Appl Appl Appl Appl	Appl Appl Appl Appl Appl Appl Appl Appl	
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Description	Sequence Sequence Sequence Sequence	Sequence Sequence Sequence Sequence Sequence Sequence Sequence	
	5-29 5-24 5-26 5-25	05 - 28 05 - 28 05 - 30 05 - 443 05 - 445 05 - 444	S AS SMITS
	-718-49 -718-49 -718-49	-10-718-49 -10-718-49 -10-718-49 -10-718-49 -10-718-49 -10-718-49 -10-718-49	ALIGNMENTS 95 RAGMENTS A ATORY AGEN //18,495 841 sion 4.0
ID	US-10-718-495-29 US-10-718-495-26 US-10-718-495-26 US-10-718-495-25	US-10-718-495-27 US-10-718-495-28 US-10-718-495-43 US-10-718-495-45 US-10-718-495-45 US-10-718-495-45 US-10-718-495-45 US-10-718-495-47	ULT 1 10-718-495-29 EQUENCE 29, Application US/10718495 ENERAL INFORMATION: TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS TITLE OF INVENTION: WANTI-INFLAWMATORY AGENTS TITLE OF INVENTION: WANTI-INFLAWMATORY AGENTS CURRENT APPLICATION NUMBER: US/10/718,495 CURRENT FILING DATE: 2003-11-12 PRIOR APPLICATION NUMBER: 60/427,841 PRIOR APPLICATION NUMBER: 60/427,841 PRIOR PILING DATE: 2002-11-20 NUMBER OF SEQ ID NOS: 58 SOFTWARE: FASESEQ for Windows Version 4.0 LENGTH: 80
DB			3/10' a L mark 1 INF 1 INF 1 OO1 1 - 1 U- 6 - 1 U- 7 U- 8 U- 8 U- 8 U- 1 U- 1 U- 1 U- 1 U- 1 U- 1 U- 1 U- 1
Length	80 216 188 211	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Cation US/10718 Theresa L. U. USE OF HMGB U. USE OF HMGB U. MATHI-INFLAM NUMBER: US/1 NUMBER: 60/427 VUMBER: 2002-11-20 VOS: 58 for Windows Ve
% Query Match	100.0 80.7 77.2 76.2	699.9 600.2 500.2 600.2 600.2 600.2 600.3 600.3	95-29 29, Applicati NFORMATION: INVENTION: INVENTION: INVENTION: FILING DATE: PLICATION NO FILING DATE: PECTON: FEED NOS:
Score	425 343 328 324	297 256 248 227 222 217 208	SULT 1 -10-718-495-29 Sequence 29, Application US/10718495 GENERAL INFORMATION: TITLE OF INVENTION: USE OF HMGB FRAC TITLE OF INVENTION: ANT-INFLAMMATC FILLE REFERENCE: 3258.1009-001 CURRENT FILLING DATE: 2003-11-12 PRIOR PILLING DATE: 2003-11-12 PRIOR APPLICATION NUMBER: 60/427,841 PRIOR FILLING DATE: 2003-11-20 NUMBER OF SEQ ID NOS: 58 SSOFILM OF 29 LENGTH: 80
Result No.	H W W 4	8 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	RESULT 1 US-10-718-495-29 Sequence 29 A Sequence 29 A GENERAL INFORM APPLICANT: O' TITLE OF INVE TITLE OF INVE TITLE OF INVE TITLE OF INVE CURRENT APPLICA CURRENT APPLICA PRIOR FILING PRIOR APPLICA PRIOR PILING SOFTWARE: FAS SOFTWARE: FAS SEQ ID NO 29 LENGTH: 80

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                                                                                        1 KORGKMPSYVFCVQTCPEERKKKHPDASVNFSEFSKKCLVRGKTMSAKEKGQFEAMARAD
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0
  100.0%; Score 425; DB 1; Length 80; 100.0%; Pred. No. 0.34; ative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: USE OF HMGB FRACMENTS AS TITLE OF INVENTION: USE OF HMGB FRACMENTS AS TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS FILE REPERENCE: 3258.1009-001 CURRENT APPLICATION NUMBER: US/10/718,495 CURRENT APPLICATION NUMBER: 60/427,841 PRIOR FILING DATE: 2002-11-20 FRID FROM FILING DATE: 2002-11-20 SOFTWARE: FASTERO for Windows Version 4.0 SEQ ID NO 24
                                                                                                                                                                                                                                                                                      RESULT 2
18-10-718-495-24
i Sequence 24, Application US/10718495
; GENERAL INFORMATION:
                                                                                                                                                                               80
                                                                                                                                                                                                      61 KARYEREMKTYIPPKGETKK 80
                                                                                                                                                                               61 KARYEREMKTYIPPKGETKK
                                             80; Conservative
                         Similarity
Query Match
Best Local S
                                             Matches
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LENGTH: 216

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                                                          Score 343; DB 1; Length 216;
Pred. No. 2.1;
2; Mismatches 11; Indels
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Pred. No. 2.8;
3; Mismatches 13; Indels
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                                                                                                                                                                                                                                                                                                                                                Sequence 26, Application US/10718495
GENERAL INFORMATION:
FOR TITLE OF INVENTION: USE OF HAGE FRAGMENTS AS
TITLE OF INVENTION: MATI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
FRIOR APPLICATION NUMBER: 60/427,841
FRIOR APPLICATION NUMBER: 60/427,841
FRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 26
LENGTH: 188
TYPE: FRT
CORRANISM: Homo sapiens
US-10-718-495-26
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GENERAL INFORMATION:
FAPLICANT: O'Reefe, Theresa L.
TITLE OF INVENTION:
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR FILING DATE: 2003-11-20
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SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                        KARYEREMKTYIPPKGETKK 87
                                                                                                                                                                                                                61 KARYEREMKTYIPPKGETKK 80
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                                                            80.7%;
83.8%;
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Best Local Similarity 80.0%;
Matches 64; Conservative
                                                                                               67; Conservative
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LENGTH: 211
TYPE: PRT
ORGANISM: Homo sapiens
, ORGANISM: Homo sapiens
US-10-718-495-24
                                                        Query Match
Best Local Similarity
Matches 67, Conserva
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; ORGANISM: Homo sapiens US-10-718-495-29

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US-10-718-495-45
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                                   1 KORGKMPSYVFCVQTCPEERKKKHPDASVNFSEFSKKCLVRGKTMSAKEKGQFEAMARAD
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 1; Length 205;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 297; DB 1; Length 209
Pred. No. 5;
5; Mismatches 16; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 256; DB 1; Length 80 Pred. No. 9; 6; Mismatches 16; Indels
                                                                                                                                                                                       GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009.001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 205
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US-10-718-495-28

Sequence 28, Application US/10718495

GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258-1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2003-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 28
LENGTH: 80
                                                                                                      61 KARYEREMKTYIPPKGETKK 80
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Best Local Similarity 73.8%;
Matches 59; Conservative
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Matches 51; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
                                                                                                                                                                              US-10-718-495-27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3 RGKMPSYVFCVQTCPEERKKKHPDASVNFSEFSKKCLVRGKTMSAKEKGQFEAMARADKA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 248; DB 1; Length 86;
Pred. No. 9.8;
3; Mismatches 21; Indels
                                                                                                            GENERAL INFORMATION:
GENERAL INFORMATION:
FAPLICART: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS
FILE REFERENCE: 3258.1009.001
CURRENT APPLICATION NUMBER: US/10/718,495
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-12
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: RastsEQ for Windows Version 4.0
SEQ ID NO 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258-1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2003-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 43
LENGTH: 54
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; APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS; TITLE OF INVENTION: ARTI-INFLAMMATORY AGENTS; FILE REFERENCE: 3258.1009-001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-10-718-495-43; Sequence 43, Application US/10718495; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        70 CYEREMKIYPYLKGROK 86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        58.4%;
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Best Local Similarity 68.8°
Matches 53, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 88.99
Matches 48; Conservative
68 KAHYEREMKTYIP 80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; ORGANISM: Homo sapiens
US-10-718-495-43
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US-10-718-495-30
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RESULT 12
US-10-718-495-46
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                                                                                                                                                                                                                                            53.4%; Score 227; DB 1; Length 54; 81.5%; Pred. No. 11; 7; Indels ive 3; Mismatches 7; Indels
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Pred. No. 11;
3; Mismatches 7; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRACMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE FERENCE: 3258.1009-0.01
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 5002-11-20
SOFTWARE: FASCESQ for Windows Version 4.0
SEQ ID NO 44
LENGTH: 54
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GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGWENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGWENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258,1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
FRIOR PILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTSEQ for Windows Version 4.0
            CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 45
LENGTH: 54
TYPE: PRT
ORGANISM: Homo sapiens
CURRENT APPLICATION NUMBER: US/10/718,495
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 44, Application US/10718495 GENERAL INFORMATION:
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ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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Best Local Similarity
Matches 43; Conserv
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Best Local Similarity
Matches 44; Conserv
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US-10-718-495-47
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April 26, 2006, 13:12:17; Search time 0.001 Seconds (without alignments) 114.896 Million cell updates/sec
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                              1 PDASINFSEFSQKCPETWKTTIAKEKGKFEDMAKADKAHYEREMKTYIPPKGET
25 PDASVNFSEFSKKCLVRGKTMSAKEKGQFEAMARADKARYEREMKTYIPPKGET
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GenCore version 5.1.7
Copyright (c) 1993 - 2006 Biocceleration Ltd.
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                                                                                                                                                                      Sequence 46, Application US/10718495
GENERAL INFORMATION:
TILE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR PLILING DATE: 2003-11-2
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
NUMBER OF SEQ ID NOS: 58
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Maximum Match 100%
Listing first 12 summaries
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 2000000000
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ORGANISM: Homo sapiens
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Best Local Similarity
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SUMMARIES

Description	Sequence 30, Appl Sequence 24, Appl Sequence 25, Appl Sequence 26, Appl Sequence 27, Appl Sequence 29, Appl Sequence 43, Appl Sequence 44, Appl Sequence 45, Appl Sequence 46, Appl Sequence 46, Appl Sequence 46, Appl	, Length 86; 0; Indels 0; Gaps 0;	FSEFSKNCSERWKTMSVK
ID	US-10-718-495-30 US-10-718-495-24 US-10-718-495-25 US-10-718-495-26 US-10-718-495-28 US-10-718-495-28 US-10-718-495-43 US-10-718-495-44 US-10-718-495-45 US-10-718-495-45 US-10-718-495-45	RESULT 1 US-10-718-495-30 Sequence 30, Application US/10718495 Sequence 30, Application US/10718495 TITLE OF INVENTION: US OF HOMES FRAGMENTS AS TITLE OF INVENTION: USE OF HOMES FRAGMENTS AS TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS FILE OF INVENTION ON WHERE: US/10/18,495 CURRENT APPLICATION NUMBER: US/10/718,495 CURRENT PILING DATE: 2003-11-12 PRIOR RPLICATION NUMBER: 60/427,841 PRIOR FILING DATE: 2002-11-20 NUMBER OF SEQ ID NOS: 58 SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 30 LENGTH: 86 TYPE: PRT ORGANISM: Homo sapiens US-10-718-495-30 Query Match Best Local Similarity 100.0%; Pred. No. 0.31; Matches 86; Conservative 0; Mismatches	Qy 1 MGKRDPKQPRGKMSSYAFFVQTAQEEHKKKQLDASVSFSEF Db 1 MGKRDPKQPRGKMSSYAFFVQTAQEEHKKKQLDASVSFSEF Qy 61 EDMAKADKACYEREMKIYPYLKGRQK 86 Db 61 EDMAKADKACYEREMKIYPYLKGRQK 86
DB	 	US/107 OF HMC OF HMC OF HMC 09-001 19-001 11-20 11-20 11-20 11-20 11-20 10-00 08;	YAP
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Score	2003 3008 3008 3009 3009 3009 3009 3009 3	LT 1 0-718-495-30 quence 30, Aquence 30, Introperson 100, Introperson Introperson Introperson Introduced International Internatio	1 M 61 Ei 61 Ei 61 Ei 61 Ei 61 Ei 62 E E 10 E 24, 1 10 E 24, 1 1 E 24, 1 2 E 24
Result No.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	RESULT 1 US-10-718-4 SEQUENCE SEQUENCE TITLE OF TITLE OF FILE REF CURRENT CURRENT CURRENT CURRENT PRIOR FI NUMBER OF SEQ ID NO	Oy 61 Db 1 Oy 61 Db 61 Db 61 CS-10-718-495 Sequence 24 SENERAL INF APPLICANT: ATITLE OF II TITLE OF II TITLE OF II FILE REPERY CURRENT APPL PRIOR APPL PRIOR FILLI NUMBER OF SOFTWARE: SEQ IN NO. SEQ IN NO

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71.9%; Score 327; DB 1; Length 188;
Best Local Similarity 75.6%; Pred. No. 3;
Matches 65; Conservative 4; Mismatches 17; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 77.9%; Pred. No. 2.2;
Matches 67; Conservative 4; Mismatches 15; Indels
DB 1; Length 216;
Query Match 76.9%; Score 350; DB 1; Length 21 Best Local Similarity 80.2%; Pred. No. 2; Matches 69; Conservative 3; Mismatches 14; Indels
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GENERAL INFORMATION:
APPLICANT: O'Keefe, Thereaa L.
TILLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: NATI-INFLAMMATORY AGENTS
FILE REFRENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR PILING DATE: 2002-11-20
NUMBER: OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 26
LENGTH: 188
                                                                                                                                                                                                                                                                         US-10-11 3
Sequence 25, Application US/10718495
Sequence 25, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'Keefe I.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR PLICATION NUMBER: 6/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 25
TYPE: PRT
                                                                                                                                                                                 61 EDMAKADKARYEREMKTYIPPKGETK 86
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US-10-718-495-25
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US-10-718-495-26
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US-10-718-495-26
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US-10-718-495-43
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LENGTH: 54
TYPE: PRT
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 1 MGKGDPKKPRGKMSSYAFFVQTCREECKKKHPDASVNFSEFSKKCSERWKAMSAKDKGKF 60
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Pred. No. 3.7;
4; Mismatches 19; Indels
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Best Local Similarity 74.4%; Pred. No. 4.5;
Matches 59; Conservative 5; Mismatches 15;
                                                                                                                                                        Sequence 27, Application US/10718495
GENERAL INFORMATION:
APPLICAMY: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HAGB
FILE REFERENCE: 3258.1090-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR PILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 6
US-10-718-495-28

Sequence 28 Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HAWE FRACHENTS AS:
TITLE OF INVENTION: USE 0.09-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR FILING DATE: 2003-11-20
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 28
                                       86
                                                            EDMAKADKAHYEREMKTYIPPKGEKK 86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             61 EDMAKADKACYEREMKIYPYLKGROK 86
                                     EDMAKADKACYEREMKIYPYLKGRQK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    61 EDMAKADKACYEREMKIY 78
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               EDMPKADKAHYEREMKTY 78
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               68.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   63; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 63; Conserv
                                                                                                                                               US-10-718-495-27
                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                ; UKGANISM: HOI
US-10-718-495-27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3 RGKMPSYVFCVQTCPEERKKKHPDASVNFSEFSKKCLVRGKTMSAKEKGQFEAMARADKA 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 54.5%; Score 248; DB 1; Length 80; Best Local Similarity 68.8%; Pred. No. 8.5; Matches 53; Conservative 3; Mismatches 21; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 215; DB 1; Length 54;
Pred. No. 11;
1; Mismatches 7; Indels
Sequence 29, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
PRIOR PAPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-12
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: RastSEQ for Windows Version 4.0
IENGTH: 80
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Sequence 43, Application US/10718495

GENERAL INFORMATION:

TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS

TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS

TITLE REFERENCE: 3258.1009-001

CURRENT APPLICATION NUMBER: US/10/718,495

CURRENT FILING DATE: 2003-11-12

PRIOR APPLICATION NUMBER: 60/427,841

PRIOR FILING DATE: 2003-11-20

NUMBER OF SEQ ID NOS: 58

SOFTWARE: FRASESEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-10-718-495-44

Sequence 44, Application US/10718495

GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INVELAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495

CURRENT FILING DATE: 2003-11-12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   70 CYEREMKIYPYLKGRQK 86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      63 RYEREMKTYIPPKGETK 79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   47.3%;
84.3%;
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                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Homo sapiens
US-10-718-495-29
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Best Local Similarity
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2 DASVKFSEFLKKCSETWKTIFAKEKGKFEDMAKADKAHYEREMKTYIPPKGEK 54
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Maximum Match 100%
Listing first 12 summaries
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Search completed: April 26, 2006, 13:12:19
Job time: 0.0833333 secs
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Gapop 10.0 , Gapext 0.5
                                                                                                     ; Sequence 47, Application US/10718495; GENERAL INFORMATION:
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length: 2000000000
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Score Match Length DB
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                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity
                                                                                    US-10-718-495-47
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Maximum DB seq
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Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
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                                                                                                                                                                                                                                                               33 DASVSFSEFSKNCSERWKTMSVKEKGKFEDMAKADKACYEREMKIYPYLKG 83
                                                                                                                                                                                                                                                                                      33 DASVSFSEFSKNCSERWKTMSVKEKGKFEDMAKADKACYEREMKIYPYLKG 83
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                                                                                                                                                                             ch 44.6%; Score 203; DB 1; Length 54; I Similarity 78.4%; Pred. No. 11; 40; Conservative 2; Mismatches 9; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 54;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS
FILE REFERENCE: 3258.1009.001
CURRENT APPLICATION NUMBER: US/10/718,495
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2003-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTESEQ FOR Windows Version 4.0
SEQ ID NO 46
LENGTH: 54
                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: O'Reefe, Theresa L.
TITLE OF INVENTION: USE OF HWGB FRAGMENTS AS;
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 45
LENGTH: 54
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                44.6%; Score 203; 78.4%; Pred. No. 1
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 44
LENGTH: 54
                                                                                                                                                                                                                                                                                                                                                          RESULT 10
US-10-718-495-45
; Sequence 45, Application US/10718495
; GENERAL INFORMATION:
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ilarity 73.6%;
Conservative
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Matches 40; Conservative
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ORGANISM: Homo sapiens
                                                                                                     TYPE: PRT
ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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Best Local Similarity
Matches 39; Conserv
                                                                                                                                                                                   Query Match
Best Local Similarity
Matches 40; Conserv
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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287
1 PDASVNFSEFSKKCSERWKT......ADKARYEREMKTYIPPKGET 54
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Copyright (c) 1993 - 2006 Biocceleration Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             41.1%; Score 187; DB 1; Length 54; 72.5%; Pred. No. 12;
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APPLICANT: O'Reefe, Theresa L.
TITLE OF INVENTION: USE OF HUGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HUGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3; Mismatches
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32 PDASVNFSEFSKKCSERWKTMSAKEKGKFEDMAKADKARYEREMKTYIPPKGET 85
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    32 PDASVNFSEFSKKCSERWKAMSAKDKGKFEDMAKVDKDRYEREMKTYIPPKGET
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    93.7%; Score 269; DB 1; Length 188; 92.6%; Pred. No. 3.7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 93.4%; Score 268; DB 1; Best Local Similarity 92.6%; Pred. No. 3.9; Matches 50; Conservative 1; Mismatches 3;
                                                                                               Sequence 26, Application US/10718495
GENERAL INFORMATION:
FILE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-10-11-15
Sequence 45, Application US/10718495
Sequence 45, Application US/10718495
GENERAL INFORMATION: Theresa L.
TITLE OF INVENTION: USE OF HAGE FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258-1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2003-11-20
NUMBER OF SEQ ID NOS: 58
SOPTHARRE: FASTEED FOR WINDOWS VERSION 4.0
SEQ ID NO 45
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GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 60/427,841
PRIOR PILING DATE: 2003-11-12
PRIOR PILING DATE: 2002-11-20
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ORGANISM: Homo sapiens
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US-10-718-495-45
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                                                                                 US-10-718-495-26
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US-10-718-495-44
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LENGTH: 188
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100.0%; Score 287; DB 1; Length 216;
Best Local Similarity 100.0%; Pred. No. 1.3;
Matches 54; Conservative 0; Mismatches 0; Indels (
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100.0%; Score 287; DB 1;
Best Local Similarity 100.0%; Pred. No. 1.3;
Matches 54; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASCSEQ for Windows Version 4.0
LENGTH: 54
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GEGUEROL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGWENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGWENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REPERENCE: 3258 1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR FILING DATE: 2003-11-12
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 24
IENGTH: 216
TYPE: RT
CORGANISM: Homo sapiens
           US-10-718-495-43
US-10-718-495-24
US-10-718-495-25
US-10-718-495-45
US-10-718-495-45
US-10-718-495-25
US-10-718-495-25
US-10-718-495-29
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Sequence 43, Application US/10718495
GENERAL INFORMATION:
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US-10-718-495-24
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Best Local Similarity
Matches 47; Conserv
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US-10-718-495-29
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                                                                                                                                                           Length 54;
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87.0%; Pred. No. 7.5;
live 2; Mismatches 5
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GENERAL INFORMATION:
APPLICANT O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REPERENCE: 3258 1.009-001
CURRENT APPLICATION NUMBER: US/10/718,495
FRIOR APPLICATION NUMBER: 60/427,841
FRIOR APPLICATION NUMBER: 60/427,841
FRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 47
LENGTH: 54
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GENERAL INFORMATION:

TILLE OF INVENTION:

TILLE OF INVENTION:

TILLE OF INVENTION:

ANTI-INFLAMMATORY AGENTS

TILLE OF INVENTION: ANTI-INFLAMMATORY AGENTS

TILLE REFERENCE: 3258.1009-001

CURRENT FILLING DATE: 2003-11-12

PRIOR APPLICATION NUMBER: 60/427,841

PRIOR APPLICATION NUMBER: 60/427,841

PRIOR PILLING DATE: 2002-11-20

NUMBER OF SEQ ID NOS: 58

SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                           Score 263; DB 1
Pred. No. 5;
1; Mismatches
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NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 44
LENGTH: 54
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1 Similarity 92.5%;
49; Conservative 1
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Best Local Similarity 92.5
Matches 49; Conservative
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Matches 47; Conservative
                                                                               ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-718-495-44
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ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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Best Local Similarity
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LENGTH: 211
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Pred. No. 8.9;
1; Mismatches 5; Indels
Sequence 46, Application US/10718495;
GENERAL INFORMATION:
APPLICANT O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 46
LENGTH: 54
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GENERAL INFORMATION:
GENERAL INFORMATION:
FITULE OF INVENTION: USE OF HMGB FRAGMENTS AS
FITULE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REPERENCE: 3288.1009.001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
FRIOR FILING DATE: 2003-11-20
FRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
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TITLE OF INVENTION: USE OF HIGHE FRAGMENTS AS
TITLE OF INVENTION: USE OF HIGHE FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3.258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
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Best Local Similarity 88.7%;
Matches 47; Conservative
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ORGANISM: Homo sapiens
US-10-718-495-46
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US-10-718-495-27
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Run on:
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                                                                                                                                            4; Indels
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GENERAL INFORMATION:
TATLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
CURRENT APPLICATION NUMBER: 105/10/718,495
CURRENT FILING DATE: 2003-11-12
FRIOR FILING DATE: 2003-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
IENGTH: 80
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CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTESEQ for Windows Version 4.0
LENGTH: 86
                                                                                                                             Pred. No. 9.7;
2; Mismatches
SOFTWARE: FastSEQ for Windows Version 4.0
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ilarity 84.3%;
Conservative
                                                                                                                                            48; Conservative
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Best Local Similarity 83.7
Matches 41; Conservative
                                                            ORGANISM: Homo sapiens
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US-10-718-495-28
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Matches 48; Conser
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Best Local Similarity
                                                               ; OKGANISM: no.
US-10-718-495-29
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           SEQ ID NO 29
LENGTH: 80
                                             TYPE: PRT
                                                                                                           Query Match
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                            April 26, 2006, 13:12:17 ; Search time 0.001 Seconds (without alignments) 72.144 Million cell updates/sec
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Sequence 47
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Sequence
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1 SDASVNFSEFSNKCSERWKT.....ADKTHYERQMKTYIPPKGET
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                                             GenCore version 5.1.7
Copyright (c) 1993 - 2006 Biocceleration Ltd.
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GENERAL INFORMATION:
FRIEDRAL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
                                                                                                                                                                                                                                                                                                                 Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-718-495-44
US-10-718-495-43
US-10-718-495-45
US-10-718-495-45
US-10-718-495-26
US-10-718-495-47
US-10-718-495-47
US-10-718-495-28
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Maximum Match 100%
Listing first 12 summaries
                                                                                                   OM protein - protein search, using sw model
 2006, 13:12:19
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Match Length DB
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986.5
987.0
74.0
76.8
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SOFTWARE: FastSEQ for Windows Version 4.0

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US-10-718-495-26
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100.0%; Score 289; DB 1; Length 211;
Best Local Similarity 100.0%; Pred. No. 0.68;
Matches 54; Conservative 0; Mismatches 0; Indels
                                                                                                                            Query Match 100.0%; Score 289; DB 1; Length 54; Best Local Similarity 100.0%; Pred. No. 0.68; Matches 54; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                   Sequence 25, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS
FILE REFERENCE: 3258.1009-001
CURRENT FILING DATE: 2003-11.12
PRIOR FILING DATE: 2003-11.12
PRIOR FILING DATE: 2002-11-20
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASELSEQ for Windows Version 4.0
SEQ ID NO 25
LENGTH: 211
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GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR PILING DATE: 2003-11-20
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SOFTWARE: FastSEQ for Windows Version 4.0
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CORGANISM: Homo sapiens
US-10-718-495-25
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ORGANISM: Homo sapiens
                                          TYPE: PRT
ORGANISM: Homo sapiens
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Best Local Similarity
Matches 49; Conserv
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SEQ ID NO 44
LENGTH: 54
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 91.0%; Score 263; DB 1; Length 216; Best Local Similarity 92.5%; Pred. No. 1.9; Matches 49; Conservative 1; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       86.5%; Score 250; DB 1; Length 54; 86.8%; Pred. No. 3; tive 2; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 45, Application US/10718495;
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS;
TITLE OF INVENTION: USE OF PROSENTS;
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495;
CURRENT APPLICATION NUMBER: 05/427,841
PRIOR FILING DATE: 2003-11-12
PRIOR PELING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 45
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CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR PILING DATE: 2003-11-20
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTSEQ for Windows Version 4.0
                                                                                                    GENERAL INCOMPATION: USE OF HMGB FRAGMENTS AS TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS TITLE OF INVENTION: ANTI-INVENAMENT AGENTS FILE REFERENCE: 3258-1009-001.
CURRENT APPLICATION NUMBER: US/10/718,495.
CURRENT FILING DATE: 2003-11-12.
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20.
NUMBER OF SEQ ID NOS: 58.
SOFTWARE: FASLESQ FOR Windows Version 4.0.
LENGTH: 216.
RESULT 4
US-10-718-495-24
; Sequence 24, Application US/10718495
; GENERAL INFORMATION:
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US-10-718-495-24
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Best Local Similarity
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US-10-718-495-27
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Matches
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                                                                                                                   Score 250; DB 1; Length 188;
Pred. No. 3;
2; Mismatches 5; Indels
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84.6%; Pred. No. 4.5;
tive 2; Mismatches 6; Indels
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                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HAGB FRAGWENTS AS
TITLE OF INVENTION: USE OF HAGB FRAGWENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
FRIOR APPLICATION NUMBER: 60/427,841
FRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
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Sequence 46, Application US/10718495

GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3288.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 05/427,841
PRIOR FILING DATE: 2003-11-20
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTSEQ for Windows Version 4.0
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1 Similarity 86.8%;
46; Conservative ;
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ORGANISM: Homo sapiens
                                      TYPE: PRT
ORGANISM: Homo sapiens
US-10-718-495-26
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ORGANISM: Homo sapiens
                                                                                                                     Query Match
Best Local Similarity
Matches 46; Conserv
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Best Local Similarity
Matches 45; Conserv
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Best Local Similarity
Matches 44; Conserv
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                     LENGTH: 188
SEQ ID NO 26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ch 82.4%; Score 238; DB 1; Length 205; 1 Similarity .84.6%; Pred. No. 4.5; 44; Conservative 2; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ch 76.8%; Score 222; DB 1; Length 80; 1 Similarity 81.1%; Pred. No. 7.2; 43; Conservative 3; Mismatches 7; Indels
Sequence 27, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'KEGE, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
PRIOR APPLICATION NUMBER: 00/427,841
PRIOR FILING DATE: 2003-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 27
LENGTH: 205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 29, Application US/10718495;
GENERAL INFORMATION:
APPLICANT: O'KEGFG. THERESA L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REPERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE FREESEQ for Windows Version 4.0
SEQ ID NO 29
LENGTH: 80
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J SEQUENCE 28, Application US/10718495

GENERAL INFORMATION:

APPLICANT: O'Keefe, Theresa L.

TITLE OF INVENTION: USE OF HINGE FRAGMENTS AS

TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS

FILE REPERENCE: 3288.1009-001

CURRENT APPLICATION NUMBER: US/10/718,495

CURRENT APPLICATION NUMBER: 05/427,841

PRIOR FILING DATE: 2003-11-12

PRIOR FILING DATE: 2003-11-20

NUMBER OF SEQ ID NOS: 58

SOFTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 28
                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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Best Local Similarity
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Best Local
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1 PDASVNFSEFSKKCSERWKA.....VDKADYEREMKTYIPPKGET
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Copyright (c) 1993 - 2006 Biocceleration Ltd.
                                                                                       Length 80;
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                                                                                     Score 214; DB 1;
Pred. No. 8.6;
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US-10-11-12
Sequence 30, Application US/10718495
GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HWGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3.288.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
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                                                                                                                        2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
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Maximum Match 100%
Listing first 12 summaries
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Best Local Similarity 81.2%;
Matches 39; Conservative
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; LENGTH: 80
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-718-495-28
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LENGTH: 86
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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APPLICANT: O'Keefe, Theresa L.

TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARRE: FastSEQ for Windows Version 4.0
SEQ ID NO 26
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TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 45
LENGTH: 54
                                                                                                                                                                                                                                                                                                                                         US-10-718-495-45
US-10-718-495-26
US-10-718-495-24
US-10-718-495-24
US-10-718-495-25
US-10-718-495-47
US-10-718-495-47
US-10-718-495-28
US-10-718-495-29
US-10-718-495-29
US-10-718-495-29
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Sequence 45, Application US/10718495
; GENERAL INFORMATION:
US10718495.pep:*
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US-10-718-495-25
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                                                                                           Score 274; DB 1; Length 188;
Pred. No. 1.5;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 268; DB 1; Length 54;
Pred. No. 2.1;
1; Mismatches 3; Indels
                                                                                                                                 2; Indels
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                                                                                                                                                                                                                                                                                           Sequence 43, Application US/10718495; GENERAL INFORMATION:
APPLICAMT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS; TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS; TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS; TITLE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495; CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
SPRIOR FILING DATE: 2003-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FRAGESEQ for Windows Version 4.0
SEQ ID NO 43
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US-10-718-495-24

i Sequence 24, Application US/10718495

i GENERAL INFORMATION:

APPLICANT: O'Keefe, Theresa L.

TITLE OF INVENTION: USE OF HMGB FRACMENTS AS.

TITLE OF INVENTION: USE 0.01

CURRENT APPLICATION UNBER: US/10/718,495

CURRENT FILING DATE: 2003-11-12

PRIOR APPLICATION NUMBER: 60/427,841

PRIOR FILING DATE: 2002-11-20

NUMBER OF SEQ ID NOS: 58

SOFTWARE: FastERO for Windows Version 4.0
                                                                                         Ouery Match 95.1%; Score 274; DB Best Local Similarity 96.3%; Pred. No. 1.5; Matches 52; Conservative 0; Mismatches
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11 Similarity 92.6%;
50; Conservative 1
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             TYPE: PRT
ORGANISM: Homo sapiens
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CORGANISM: Homo sapiens
US-10-718-495-43
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ORGANISM: Homo sapiens
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Matches 50; Conserv
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Matches 50; Conserv
                                           ; OKGANISM: DOI
US-10-718-495-26
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LENGTH: 188
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 250; DB 1; Length 211;
Pred. No. 4.9;
2; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 86.8%; Score 250; DB 1; Length 54; Best Local Similarity 86.8%; Pred. No. 4.9; Matches 46; Conservative 2; Mismatches 5; Indels
Sequence 44, Application US/10718495
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258-1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR PAPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 44
LENGTH: 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
ITILE OF INVENTION: USE OF HMGB FRAGMENTS AS
CURRENT PAPLICATION ONDHERS: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 259
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USB OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FRASTSEQ for Windows Version 4.0
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1 Similarity 86.8%;
46; Conservative 2
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TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Homo sapiens
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Best Local Similarity
Matches 46; Conserv
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LENGTH: 54
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US-10-718-495-28
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                                                                                                                                                                                                                                                                                                             TYPE: PRT
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                                                                                                                                                                          1 PDASVNFSEFSKKCSERWKAMSAKDKGKFEDMAKVDKADYEREMKTYIPPKGET
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 PDASVNFSEFSKKCSERWKAMSAKDKGKFEDMAKVDKADYEREMKTYIPPKGE
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                                                                                  Query Match 83.7%; Score 241; DB 1; Length 54; Best Local Similarity 81.5%; Pred. No. 6.9; Matches 44; Conservative 3; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 54;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 y Match 81.9%; Score 236; DB 1; Local Similarity 83.0%; Pred. No. 8.2; nes 44; Conservative 2; Mismatches 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 81.9%; Score 236; DB 1; Best Local Similarity 83.0%; Pred. No. 8.2; Matches 44; Conservative 2; Mismatches 7
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009.001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT PILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 27
LENGTH: 205
                                                                                                                                                                                                                                                                                                                       Sequence 46, Application US/10718495;
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE REFERENCE: 3258.1009-001
CURRENT FELING DATE: 2003-11-12
FRIOR FILING DATE: 2003-11-12
FRIOR FILING DATE: 2002-11-20
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 46
LENGTH: 54
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ORGANISM: Homo sapiens

US-10-718-495-27
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CORGANISM: Homo sapiens
US-10-718-495-46
                ; ORGANISM: Homo sapiens
US-10-718-495-47
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TYPE: PRT
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Matches
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RESULT 10 US-10-718-495-29

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 PDASVNFSEFSKKCSERWKAMSAKDKGKFEDMAKVDKADYEREMKTYIPPKGET
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ch 78.8%; Score 227; DB 1; Length 80; 1 Similarity 81.5%; Pred. No. 10; 41; Conservative 3; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 80;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 28, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REPERBENCE: 328.1009.001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: RastSEQ for Windows Version 4.0
IENGTH: 80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DB 1;
                      GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 06/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 80
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CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR FILING DATE: 2003-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTSEQ for Windows Version 4.0
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72.2%; Score 208; Di
Best Local Similarity 77.6%; Pred. No. 12;
Matches 38; Conservative 3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; Sequence 30, Application US/10718495; GENERAL INFORMATION:
Seguence 29, Application US/10718495
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; ORGANISM: Homo sapiens
US-10-718-495-28
                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity
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LENGTH: 86
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; ORGANISM: Homo sapiens US-10-718-495-30

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32 PDASVKFSEFLKKCSETWKTIFAKEKGKFEDMAKADKAHYEREMKTYIPPKGEK 85
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 PDASVKFSEFLKKCSETWKTIFAKEKGKFEDMAKADKAHYEREMKTYIPPKGEK
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 54;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 100.0%; Score 290; DB 1; Length 5 Best Local Similarity 100.0%; Pred. No. 0.36; Matches 54; Conservative 0; Mismatches 0; Indels
Sequence 46, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: OSE OF HWGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REPERENCE: 3288.1009-001
CURRENT APPLICATION UNMERR: US/10/718,495
CURRENT PAPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FRASESO for Windows Version 4.0
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GENERAL INFORMATION:

APPLICANT: O'KEGE, Theresa L.

TITLE OF INVENTION:

FILE REPERENCE: 3258.1009.00

CURRENT APPLICATION NUMBER: 05/427,841

PRIOR FILING DATE: 2003-11-12

PRIOR FILING DATE: 2003-11-20

NUMBER OF SEQ ID NOS: 58

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 47

TYPE: PRI
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TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR FILING DATE: 2003-11-20
NUMBER OF SEQ 1D NOS: 58
SOFTWARE: FASTSEQ for Windows Version 4.0
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US-10-718-495-27
Sequence 27, Application US/10718495
GENERAL INFORMATION:
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Best Local Similarity 100.0
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LENGTH: 54
TYPE: PRT
ORGANISM: Homo sapiens
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US-10-718-495-27
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US-10-718-495-47
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LENGTH: 205
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72.144 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Description
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1 PDASVKFSEFLKKCSETWKT.....ADKAHYEREMKTYIPPKGEK
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GenCore version 5.1.7
Copyright (c) 1993 - 2006 Biocceleration Ltd.
                                                                                                  Query Match 70.5%; Score 203; DB 1; Length 86; Best Local Similarity 78.4%; Pred. No. 12; Matches 40; Conservative 2; Mismatches 9; Indels
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Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

BLOSUM62 Gapop 10.0 , Gapext 0.5 12 segs, 1336 residues

Scoring table:

Searched:

US-10-718-495-46

Perfect score:

Sequence:

- protein search, using sw model

OM protein

Run on:

Search completed: April 26, 2006, 13:12:19 Job time : 0.0833333 secs

ઠે g Post-processing: Minimum Match 0% Maximum Match 100% Listing first 12 summaries

US10718495.pep:*

Database :

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Gaps

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54 54

ALIGNMENTS

US-10-718-495-46
US-10-718-495-27
US-10-718-495-47
US-10-718-495-43
US-10-718-495-44
US-10-718-495-25
US-10-718-495-25
US-10-718-495-25
US-10-718-495-26
US-10-718-495-28
US-10-718-495-28
US-10-718-495-28

SUMMARIES

Query Match Length DB

Score

Result

RESULT 1 US-10-718-495-46

Wed Apr 26 13:12:37 2006

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TYPE: PRT
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                                                               Length 54;
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                                                                                                     5; Indels
                                                               DB 1;
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Pred. No. 3.7;
1; Mismatches 5
                                                                                                                                                                                                                                                                         Sequence 43, Application US/10718495; GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 06/427,841
PRIOR FILING DATE: 2003-11-12
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 43
LENGTH: 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: O'Keefe, Theresa L.

TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS

TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS

TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS

FILE REFERENCE: 3258.1009-001

CURRENT FILING DATE: 2003-11-12

PRIOR FILING DATE: 2003-11-12

PRIOR FILING DATE: 2002-11-20

NUMBER OF SEQ ID NOS: 58

SOFTWARE: FASELSEQ for Windows Version 4.0

SEQ ID NO 24

LENGTH: 216
                                                          87.2%; Score 253; DB
86.8%; Pred. No. 3;
tive 2; Mismatches
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US-10-718-495-44
; Sequence 44, Application US/10718495
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                                                        Query Match
Best Local Similarity 86.84
Matches 46; Conservative
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Best Local Similarity 88.77
Matches 47; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Homo sapiens
US-10-718-495-43
; ORGANISM: Homo sapiens
US-10-718-495-47
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CRGANISM: Homo sapiens
US-10-718-495-24
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US-10-718-495-43
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                                                                                                                                                                                                                                                                                                                                                                                                                                   82.1%; Score 238; DB 1; Length 54; 84.6%; Pred. No. 6.1; tive 2; Mismatches 6; Indels
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Sequence 45, Application US/10718495

Sequence 45, Application US/10718495

GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAWMATORY AGENTS
FILE REFERENCE: 3258.1009.001

CURRENT APPLICATION NUMBER: US/10/718,495

PRIOR APPLICATION NUMBER: 60/427,841

PRIOR APPLICATION NUMBER: 60/427,841

PRIOR PELLING DATE: 2003-11-20

NUMBER OF SEQ ID NOS: 58

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 45
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USB OF HUGB FRAGMENTS AS
TITLE OF INVENTION: USB OF HUGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 0503-11-12
PRIOR APPLICATION NUMBER: 60427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
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GENERAL INFORMATION:
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GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
TILE REFERENCE: 3258.1009.001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11.12
FRIOR FILING DATE: 2003-11.12
FRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 25
LENGTH: 211
                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 84.64
Matches 44; Conservative
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ORGANISM: Homo sapiens
US-10-718-495-44
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US-10-718-495-25
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ORGANISM: Homo sapiens
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Best Local Similarity
Matches 44; Conserv
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US-10-718-495-25
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US-10-718-495-29
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Perfect score:
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                                         Score 236; DB 1; Length 54;
Pred. No. 6.6;
2; Mismatches 7; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 28, Application US/10718495;
GENERAL INFORMATION:
JAPLICANT O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3288,1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
FRIOR PAPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2003-11-12
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 80
                                                                                                                                                                                                                                                                                                       APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INVELAMMATORY AGENTS
TITLE OF INVENTION: ANTI-INVELAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 56
SOFTWARE: FASTESQ for Windows Version 4.0
                                                                                                                                                                                                                         RESULT 9
US-10-718-495-26
; Sequence 26, Application US/10718495
; GENERAL INFORMATION:
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                                         ch 81.4%;
l Similarity 83.0%;
44; Conservative 5
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US-10-718-495-26
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                                    Query Match
Best Local Similarity
US-10-718-495-45
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US-10-718-495-28
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LENGTH: 188
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April 26, 2006, 13:12:17 ; Search time 0.001 Seconds (without alignments) 72.144 Million cell updates/sec
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1 PDASINFSEFSQKCPETWKT......ADKAHYEREMKTYIPPKGET
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Copyright (c) 1993 - 2006 Biocceleration Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
Sequence 30, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR FILING DATE: 2003-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASESEQ for Windows Version 4.0
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR PELLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
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                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 71.7%; Score 208; DE Best Local Similarity 77.4%; Pred. No. 12; Matches 41; Conservative 3; Mismatches
                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 29
LENGTH: 80
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Job time : 0.0833333 secs
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ORGANISM: Homo sapiens
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Best Local Similarity
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US-10-718-495-24
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                              12
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GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 00/427,841
PRIOR FILING DATE: 2003-11-12
PRIOR FILING DATE: 2002-11-20
                                                                                                                                                                                                                                                                                                                     US-10-718-495-47
US-10-718-495-28
US-10-718-495-44
US-10-718-495-24
US-10-718-495-27
US-10-718-495-25
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US-10-718-495-26
                           Total number of hits satisfying chosen parameters:
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 47
LENGTH: 54
                                                                                                 Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 12 summaries
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; Sequence 28, Application US/10718495
; GENERAL INFORMATION:
12 segs, 1336 residues
                                                          seq length: 0
seq length: 200000000
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Query
Match Length DB
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US-10-718-495-47
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Best Local Similarity
Matches 54; Conserv
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US-10-718-495-47
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Maximum DB
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    86.7%; Score 254; DB 1; Length 54; 87.0%; Pred. No. 4.3; tive 2; Mismatches 5; Indels
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APPLICANT: O'Keefe, Theresa L.

TITLE OF INVENTION: USE OF HIGHE FRAGMENTS AS:

TITLE OF INVENTION: USE OF HIGHE FRAGMENTS AS:

TITLE OF INVENTION: USE 0.009-001

CURRENT APPLICATION NUMBER: US/10/718,495

CURRENT APPLICATION NUMBER: 05/427,841

PRIOR PILING DATE: 2002-11-20

NUMBER OF SEQ ID NOS: 58

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 24

LENGTH: 216
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HINGE FRAGMENTS AS
TITLE OF INVENTION: USE OF HINGE REAGMENTS
FILE REFERENCE: 3258-1009-001
CURENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 05/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTSEQ for Windows Version 4.0
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Sequence 43, Application US/10718495

GENERAL INFORMATION:
APPLICAMT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258-1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 05/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20

NUMBER OF SEQ ID NOS: 56
SOFTWARE: FASTSEQ for Windows Version 4.0
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Matches 47; Conservative
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TYPE: PRT
ORGANISM: Homo sapiens
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CRGANISM: Homo sapiens
US-10-718-495-28
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CORGANISM: Homo sapiens
US-10-718-495-24
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Best Local Similarity
Matches 48; Conserv
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TYPE: PRT
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ch 86.7%; Score 254; DB 1; Length 216; I Similarity 87.0%; Pred. No. 4.3; 47; Conservative 2; Mismatches 5; Indels
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Pred. No. 4.5;
2; Mismatches 5; Indels
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4.5;
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TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: MATI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
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TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR PELLING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 205
TYPE: PRT
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US-10-718-495-46
; Sequence 46, Application US/10718495
; GENERAL INFORMATION:
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Best Local Similarity 86.8%;
Matches 46; Conservative 2
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Query Match
Best Local Similarity
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LENGTH: 54
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                                                                                                                                                                                                                                                                                                                                                                                                         DB 1; Length 54;
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TITLE OF INVENTION: USE OF HMGB FRACMENTS AS TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS; FILE REFERENCE: 3258,1009-001; CURRENT APPLICATION NUMBER: US/10/18,495; CURRENT FILING DATE: 2003-11-12; PRIOR APPLICATION NUMBER: 60/427,841; PRIOR APPLICATION NUMBER: 60/427,841; NUMBER OF SEQ ID NOS: 58 NUMBER OF SEQ ID NOS: 58 SOFTWARE: FASCESC for Windows Version 4.0; SEQ ID NO 44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 25, Application US/10718495
GENERAL INFORMATION:
APPLICANT O'KEEFE, Therea L.
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 2258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR PLILING DATE: 2003-11-2
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
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84.9%; Pred. No. 6
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                                                                                                                                                                                                                                                                  LENGTH: 54
TYPE: PRT
ORGANISM: Homo sapiens
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; ORGANISM: Homo sapiens
US-10-718-495-45
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Best Local Similarity
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Matches 45; Conserv
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US-10-718-495-25
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                                                                                1 PDASINFSEFSQKCPETWKTTIAKEKGKFEDMAKADKAHYEREMKTYIPPKGET
                                                                                                   1 PDASINFSEFSQKCPETWKTTIAKEKGKFEDMAKADKAHYEREMKTYIPPKGET
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Score 241; DB 1; Length 54; Pred. No. 7.7; 3; Mismatches 7; Indels
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GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HAGB FRAGMENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
FRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SSC ID NO 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 29, Application US/10718495
GENERAL INFORMATION:
TILE OF INVENTION: USE OF HAGE FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009.001
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 66/427,841
PRIOR PILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 80.5%; Score 236; DB Best Local Similarity 79.6%; Pred. No. 9; Matches 43; Conservative 3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 217; DB Pred. No. 11; 4; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 12
US-10-718-495-30
; Sequence 30, Application US/10718495
; GENERAL IPORAMINON:
; APPLICANT: O'Keefe, Theresa L.
; TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  74.18;
77.88;
     Query Match
Best Local Similarity 81.5%;
Matches 44; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      42; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-718-495-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 42; Conserv
                                                                                                                                                                                         US-10-718-495-26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 29
LENGTH: 80
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